

[illegible]

2010*														
Bypasses = 8 + 3				SSOs = 14 + 2 that reached Waters of U.S. Total SSOs = 19 + 2						NOV none				
Date	Precip	Duration	Gallons	Date	Precip	Duration	Gallons	Location		Letter of Warning July 2010 Ammonia				
1/21/2010	0.56"	1 day	2.8 MG	1/20/2010	--	15 min	3000	G5-MH-085 College & MO		Letter of Warning October 2010 Ammonia				
1/24/2010	1.1"	2 days	6.6 MG	2/21/2010	1.18	3 hours	30,000	J4-MH-120 near WWTP						
2/21/2010	1.2"	2.5 days	8.1 MG	3/22/2010	1.67	2 hours	12,000	J4-MH-120 near WWTP						
3/20/2010	3.04"	8 days	27.6 MG	3/25/2010	1.11	7 hours	63,000	J4-MH-120 near WWTP						
4/2/2010	0.73"	6.5 days	13.8 MG	5/13/2010	1.24	45 min	10,000	J4-MH-120 near WWTP						
5/13/2010	4.71"	6 days	26 MG	5/14/2010	2.86	10 hours	60,000	F5-025 W Broadway						
5/19/2010	1.82"	4 days	19.4 MG	5/14/2010	2.86	5.25 hours	12,600	F5-040 W Broadway						
5/25/2010	1.5"	1 day	2.4 MG	5/14/2010	2.86	11.5 hours	24,150	G4-005 S Missouri						
7/16/2010	3.0"	13 hours	2 MG	5/14/2010	2.86	8.75 hours	13,125	J4-090 near WWTP						
9/1/2010	4.8"	1 day	4.0 MG	5/14/2010	2.86	22 hours	276,000	J4-120 near WWTP						
9/15/2010	1.6"	1.5 days	5.9 MG	5/20/2010	1.82	1.5 hours	1,800	G4-005 S Missouri						
				5/21/2010	0.71	16 hours	96,000	J4-120 near WWTP						
				5/21/2010	0.71	10 hours	18,000	G4-005 S Missouri						
				6/4/2010	--	72 hours	15,000	Lift station #4						
				7/16/2010		3 hours	36,000	J4-MH-120 near WWTP						
				9/1/2010	4.8	5 hours	45,000	J4-MH-120 near WWTP						

2009*														
Bypasses = 4 + 6 (one miscount by City)				SSOs = 4 + 27 that reached Waters of U.S.				Total SSOs = 8 + 30		NOV May 2009 Ammonia				
Date	Precip	Duration	Gallons	Date	Precip	Duration	Gallons	Location						
9/21/2009	2.6"	17.5 hours	3.3 MG	10/8/2009	5"	27 hours	16,200	G4-MH-005 S Missouri						
10/8/2009	5"	4 days	16.7 MG	10/8/2009	5"	34 hours	3.5 MG	J4-MH-120 near WWTP						
10/30/2009	1.32"	3.5 days	12.8 MG	10/8/2009	5"	1 hour	20,000	J4-090 near WWTP						
11/15/2009	1.15"	1 day	2.1 MG	10/30/2009	1.32"	3 hours	27,000	J4-MH-120 near WWTP						
2/11/2009	1.5"	10 hours	1.7 MG	1/9/2009	--	45 min	300	Lift Station 5						
3/28/2009	1.25"	1 day	3.0 MG	2/11/2009	1.5"	4 hours	60,000	J4-MH-120 near WWTP						
4/18/2009	1.56"	3 days	11.4 MG	3/28/2009	1.23"	2.5 hours	40,000	J4-MH-090 near WWTP						
5/1/2009	3.3"	3.3 days	14.2 MG	3/28/2009	1.23"	2.5 hours	40,000	J4-MH-120 near WWTP						
5/8/2009	2.9"	3 days	11.3 MG	4/19/2009	1.56"	5 hours	80,000	J4-MH-120 near WWTP						
6/16/2009	2.29"	1 day	4.8 MG	4/30/2009	--	.5 hours	50	429 S Springfield						
				5/1/2009	3.18"	12 hours	85,000	J4-MH-120 near WWTP						
				5/8/2009	2.9"	13 hours	100,000	J4-090 near WWTP						
				5/8/2009	2.9"	13 hours	100,000	J4-MH-120 near WWTP						
				5/8/2009	2.9"	30 hours	93,000	F5-95 S Lillian						
				5/8/2009	2.9"	8 hours	19,200	F5-040 W Broadway						
				5/8/2009	2.9"	8 hours	14,400	F5-010 W Broadway						
				5/8/2009	2.9"	1 hour	1,500	G5-175 S Albany						
				5/8/2009	2.9"	30 hours	55,800	F5-100 S Lillian						
				5/8/2009	2.9"	25 hours	15,000	F5-175 S Missouri						
				5/8/2009	2.9"	1 hour	10,000	Lift Station 2						
				5/8/2009	2.9"	15 min	300	Lift Station 3						
				6/10/2009	1.83"	10 hours	22,000	F5-MH-185 W Jefferson						
				6/10/2009	1.83"	10 hours	22,000	G4-MH-005 S Missouri						
				6/16/2009	2.29"	8 hours	130,000	J4-MH-120 near WWTP						
				6/16/2009	2.29"	2.5 hours	60,000	J4-MN-090 near WWTP						
				6/16/2009	2.29"	6 hours	3,600	G4-MH-005 S Missouri						
				6/16/2009	2.29"	7 hours	21,000	F5-MH-010 W Broadway						

2008																			
Bypasses = 2 + 13				SSOs = 12 that reached Waters of U.S.				Total SSOs = 7 + 13				NOV May 2008 Ammonia and BOD							
Date	Precip	Duration	Gallons	Date	Precip	Duration	Gallons	Location				NOV June 2008 Ammonia and BOD							
9/3/2008	3.11"	1.5 days	4.7 MG	3/18/2008	4.3	33 hours	59,400	DF 1 S Missouri				LOW March 2008 BOD							
9/13/2008	3.8"	2 days	8.6 MG	4/10/2008	3.2	4 hours	1,200	J4 S Albany				NOV April 2008 Ammonia and BOD							
1/8/2008	1.26"	1 day	4.1 MG	4/10/2008	3.2	10 hours	5,000	DIB 2 W Jefferson											
2/11/2008	snow	1 day	2.0 MG	4/10/2008	3.2	6 hours	13,000	I6 E Broadway											
2/16/2008	2.0"	3 days	11.1 MG	4/10/2008	3.2	6 hours	13,000	I12 W Broadway											
3/3/2008	1.6"	3 days	12.2 MG	5/23/2008	--	.5 hours	1,500	Lift Station 2											
3/18/2008	4.8"	6 days	24.1 MG	6/15/2008	--	1.75 hours	500	Lift Station 2											
3/31/2008	5.5"	14 days	44.1 MG	7/9/2008	--	1.5 hours	1,000	Lift Station 1											
4/24/2008	1.1"	4 days	8.2 MG	9/14/2008	3.8	45 minutes	37,500	Lift Station 1											
5/7/2008	2.4"	3 days	12.6 MG	9/14/2008	3.8	8 hours	1,500	DF1, I12, I13 Manholes											
5/15/2008	1.0"	13 hours	1.7 MG	10/30/2008	--	10 minutes	500	Lift Station 1											
6/2/2008	3.6"	2 days	9 MG	12/3/2008	--	1 hour	500	Lift Station 1											
6/9/2008	1.9"	2 days	8.1 MG																
6/13/2008	1.0"	1 day	3.8 MG																
6/28/2008	1.5"	1 days	4.6 MG																
Identified 90 I&I problems and 45 repaired but no indication how they were repaired.																			
No information on any re-lining or replacement of sewer lines in 2011.																			
No information on any manhole rehab or repairs in 2011.																			
Notes that manhole rehab and lining planned in south collection basin in 2012 but no idea of what or when.																			
Notes that capacity study on another collection basin is planned for 2012 but no idea of where or what basin.																			
It appears that City of Bolivar is not as far along in its progress to stop I&I as previous reports had indicated.																			
Capacity analysis on significant mains was due 12/31/11. It was not included with annual report. Why?																			
2012																			
Identified 63 I&I sources and repaired 32. Spreadsheet identifies locations of repairs																			
No relining or replacement of sewer lines during 2012 due to budget constraints																			
Construction of UV disinfection to begin January 2013 and complete April 2013																			
No update on status of POA																			
Sewer infrastructure repair/replacement report noted as included was not included in report																			